

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method for providing worldwide web content, centralized management, and local and remote administration for a self-service transaction terminal, comprising:

receiving a request for a startup of at least one transaction terminal process by a process controller of the transaction terminal selected from a group of transaction terminal processes consisting of a system monitor, a session manager, a device manager, a system manager, a diagnostics application, an intelligent maintenance panel, a log manager, an installation framework, and a configuration framework, ~~and additionally receiving a request by the process controller for startup of~~ in addition to screen reader and audio processes;

starting the at least one requested process by the process controller, ~~and additionally starting~~ in addition to the screen reader and audio processes by the process controller;

performing at least one pre-defined transaction terminal function by the at least one started process, ~~and additionally~~ in addition to performing screen reader and audio application functions by the screen reader and audio processes consisting at least in part of reading text that is presented on a screen of the transaction terminal ~~and~~ converting the text to audible speech and diverting the audible speech to a headphone for a visually impaired user, while eliminating audio via external speaker at the transaction terminal until one of completion and timing out of a session of the visually impaired user, and providing a screen layout with navigation selections exclusively by touchscreen for the visually impaired user; and

if a command to shutdown is received, coordinating an orderly shutdown of the transaction terminal by the process controller.

2. (original) The method of claim 1, wherein receiving the request further comprises receiving the request from one of an integrated network control and an operator interface.

3. (original) The method of claim 2, wherein receiving the request further comprises receiving the request from the integrated network control over a network.

4. (original) The method of claim 3, wherein receiving the request further comprises receiving the request from the integrated network control coupled over the network to a plurality of self-service transaction terminals.

5. (original) The method of claim 2, wherein receiving the request further comprises receiving the request from an operator interface touchpoint consisting of one of a front screen of the transaction terminal, a personal computer on a network, a video screen, and a personal data assistant.

6. (previously presented) The method of claim 1, wherein starting the at least one requested process by the process controller further comprises at least one of monitoring the process by the process controller, restarting the at least one requested process by the process controller, rebooting a transaction terminal system by the process controller, and maintaining a registry of the at least one started process by the process controller.

7. (previously presented) The method of claim 1, wherein the at least one started process comprises the system monitor and wherein performing the at least one pre-defined transaction terminal function further comprises performing a system monitor function selected from a group of system monitor functions consisting of blanking a screen display, unblanking the screen display, resetting a hardware

watchdog timer, resetting a hardware watchdog timeout value, and sending a system reset notification to an integrated network control.

8. (previously presented) The method of claim 1, wherein the at least one started process comprises the audio application and wherein performing the at least one pre-defined transaction terminal function further comprises performing an audio application function selected from a group of audio application functions consisting of controlling routing of an audio amplifier output, controlling an audio amplifier board, and diagnostic testing of the amplifier board.

9. (canceled)

10. (previously presented) The method of claim 1, wherein the at least one started process comprises the session manager and wherein performing the at least one pre-defined transaction terminal function further comprises performing a session manager function selected from a group of session manager functions consisting of bringing up a browser, coordinating one of a customer session, an operator session, and a hardware diagnostics session, supporting one of a transaction terminal start function and a transaction terminal stop function, displaying an out-of-service transaction terminal screen, recovering from an out-of-service condition of the transaction terminal, reporting pre-selected transaction terminal status information, reporting one of an out-of-service and a back-in-service condition of the transaction terminal, and reporting a state of the transaction terminal as one of in use, idle, diagnostics running, and back administration utility running.

11. (previously presented) The method of claim 1, wherein the at least one started process comprises the device manager and wherein performing the at least one pre-defined transaction terminal function further comprises performing a device manager function selected from a group of device manager functions consisting of coordinating and allocating one of a cash dispensing module, a depositor, a dynamic reader, a touchscreen, a printer, a switch, and an indicator.

12. (previously presented) The method of claim 1, wherein the at least one started process comprises the system manager and wherein performing the at least one pre-defined transaction terminal function further comprises performing a system manager function selected from a group of system manager functions consisting of transaction terminal status monitoring, inquiry and control commands, file transfer and remote command execution, software distribution, remote peruse, log upload, auto configuration, load balancing support, device MIS, customer MIS, and time synchronization.

13. (previously presented) The method of claim 1, wherein the at least one started process comprises the diagnostics application and wherein performing the at least one pre-defined transaction terminal function further comprises performing a diagnostics application function selected from a group of diagnostics application functions consisting of executing diagnostics requests, communicating with a physical device handler, diagnostic testing of a peripheral device, and providing a list of devices to a client.

14. (previously presented) The method of claim 1, wherein the at least one started process comprises the intelligent maintenance panel and wherein performing the at least one pre-defined transaction terminal function further comprises performing an intelligent maintenance panel function selected from a group of intelligent maintenance panel functions consisting of obtaining status of one of a session and a device, performing one of a shutdown and a reboot through an operator request, performing an operator interface log on via an operator selection, allowing a service mode entry, and requesting a diagnostic test.

15. (previously presented) The method of claim 1, wherein the at least one started process comprises the log manager and wherein performing the at least one pre-defined transaction terminal function further comprises performing a log manager function selected from a group of log manager functions consisting of maintaining a business log and maintaining a runtime log.

16. (previously presented) The method of claim 1, wherein the at least one started process comprises the installation framework and wherein performing the at least one pre-defined transaction terminal function further comprises performing an installation framework function selected from a group of installation framework functions consisting of distribution of software release packages, activation of software release packages, cutover of software release packages, fallback to a previously running version of software, and backing out of a last distributed software release package and reinstalling a previous software versions.

17. (previously presented) The method of claim 1, wherein the at least one started process comprises the configuration framework and wherein performing the at least one pre-defined transaction terminal function further comprises performing a configuration framework function selected from a group of configuration framework functions consisting of installing and configuring software and configuring the transaction terminal.

18. (currently amended) A system for providing worldwide web content, centralized management, and local and remote administration for a self-service transaction terminal, comprising:

means for receiving a request for a startup of at least one transaction terminal process of the transaction terminal selected from a group of transaction terminal processes consisting of a system monitor, a session manager, a device manager, a system manager, a diagnostics application, an intelligent maintenance panel, a log manager, an installation framework, and a configuration framework, ~~and additionally for receiving a request for startup of~~ in addition to screen reader and audio processes;

means for starting the at least one requested process, ~~and additionally for starting~~ in addition to the screen reader and audio processes;

means for performing at least one pre-defined transaction terminal function by the at least one started process, ~~and additionally for~~ in addition to performing screen

reader and audio application functions by the screen reader and audio processes consisting at least in part of reading text that is presented on a screen of the transaction terminal and converting the text to audible speech and diverting the audible speech to a headphone for a visually impaired user, while eliminating audio via external speaker at the transaction terminal until one of completion and timing out of a session of the visually impaired user, and providing a screen layout with navigation selections exclusively by touchscreen for the visually impaired user; and

if a command to shutdown is received, means for coordinating an orderly shutdown of the transaction terminal.

19. (original) The system of claim 18, wherein the means for receiving the request further comprises a process controller of the transaction terminal.

20. (original) The system of claim 18, wherein the means for receiving the request, starting the requested process, and coordinating an orderly shutdown further comprises a process controller of the transaction terminal coupled to one of an integrated network control and an operator interface.

21. (original) The system of claim 20, wherein the means for receiving the request further comprises the process controller coupled to the integrated network control over a network.

22. (original) The system of claim 20, wherein the means for receiving the request further comprises the process controller coupled to an operator interface touchpoint consisting of one of a front screen of the transaction terminal, a personal computer on a network, a video screen, and a personal data assistant.

23. (previously presented) The system of claim 18, wherein the means for starting the at least one requested process by the process controller further comprises at least one of means for monitoring the at least one started process by the process controller, means for restarting the at least one started process by the process

controller, means for rebooting a transaction terminal system by the process controller, and means for maintaining a registry of the at least one started process by the process controller.

24. (previously presented) The system of claim 18, wherein the means for starting the at least one process comprises means for starting the system monitor and wherein the means for performing the at least one pre-defined transaction terminal function further comprises means for performing a system monitor function selected from a group of system monitor functions consisting of blanking a screen display, unblanking the screen display, resetting a hardware watchdog timer, resetting a hardware watchdog timeout value, and sending a system reset notification to an integrated network control.

25. (previously presented) The system of claim 18, wherein the means for starting the at least one process comprises means for starting the audio application and wherein the means for performing the at least one pre-defined transaction terminal function further comprises means for performing an audio application function selected from a group of audio application functions consisting of controlling routing of an audio amplifier output, controlling an audio amplifier board, and diagnostic testing of the amplifier board.

26. (canceled)

27. (previously presented) The system of claim 18, wherein the means for starting the at least one process comprises means for starting the session manager and wherein the means for performing the at least one pre-defined transaction terminal function further comprises means for performing a session manager function selected from a group of session manager functions consisting of bringing up a browser, coordinating one of a customer session, an operator session, and a hardware diagnostics session, supporting one of a transaction terminal start function and a transaction terminal stop function, displaying an out-of-service transaction terminal

screen, recovering from an out-of-service condition of the transaction terminal, reporting pre-selected transaction terminal status information, reporting one of an out-of-service and a back-in-service condition of the transaction terminal, and reporting a state of the transaction terminal as one of in use, idle, diagnostics running, and back administration utility running.

28. (previously presented) The system of claim 18, wherein the means for starting the at least one process comprises means for starting the device manager and wherein the means for performing the at least one pre-defined transaction terminal function further comprises means for performing a device manager function selected from a group of device manager functions consisting of coordinating and allocating one of a cash dispensing module, a depositor, a dynamic reader, a touchscreen, a printer, a switch, and an indicator.

29. (previously presented) The system of claim 18, wherein the means for starting the at least one process comprises means for starting the system manager and wherein the means for performing the at least one pre-defined transaction terminal function further comprises means for performing a system manager function selected from a group of system manager functions consisting of transaction terminal status monitoring, inquiry and control commands, file transfer and remote command execution, software distribution, remote peruse, log upload, auto configuration, load balancing support, device MIS, customer MIS, and time synchronization.

30. (previously presented) The system of claim 18, wherein the means for starting the at least one process comprises means for starting the diagnostics application and wherein the means for performing the at least one pre-defined transaction terminal function further comprises means for performing a diagnostics application function selected from a group of diagnostics application functions consisting of executing diagnostics requests, communicating with a physical device handler, diagnostic testing of a peripheral device, and providing a list of devices to a client.

31. (previously presented) The system of claim 18, wherein the means for starting the at least one process comprises means for starting the intelligent maintenance panel and wherein the means for performing the at least one pre-defined transaction terminal function further comprises means for performing an intelligent maintenance panel function selected from a group of intelligent maintenance panel functions consisting of obtaining status of one of a session and a device, performing one of a shutdown and a reboot through an operator request, performing an operator interface log on via an operator selection, allowing a service mode entry, and requesting a diagnostic test.

32. (previously presented) The system of claim 18, wherein the means for starting the at least one process comprises means for starting the log manager and wherein the means for performing the at least one pre-defined transaction terminal function further comprises means for performing a log manager function selected from a group of log manager functions consisting of maintaining a business log and maintaining a runtime log.

33. (previously presented) The system of claim 18, wherein the means for starting the at least one process comprises means for starting the installation framework and wherein the means for performing the at least one pre-defined transaction terminal function further comprises means for performing an installation framework function selected from a group of installation framework functions consisting of distribution of software release packages, activation of software release packages, cutover of software release packages, fallback to a previously running version of software, and backing out of a last distributed software release package and reinstalling a previous software versions.

34. (previously presented) The system of claim 18, wherein the means for starting the at least one process comprises means for starting the configuration framework and wherein the means for performing the at least one pre-defined transaction terminal function further comprises means for performing a configuration

framework function selected from a group of configuration framework functions consisting of installing and configuring software and configuring the transaction terminal.

35. (currently amended) A method for providing worldwide web content, centralized management, and local and remote administration for a self-service transaction terminal, comprising:

receiving a request for a startup of at least one transaction terminal process by a process controller of the transaction terminal from one of an integrated network control and an operator interface, ~~and additionally receiving a request by the process controller for startup of in addition to~~ screen reader and audio processes;

starting the at least one requested process by the process controller, ~~and additionally starting in addition to~~ the screen reader and audio processes by the process controller;

performing at least one pre-defined transaction terminal function by the started process, ~~and additionally in addition to~~ performing screen reader and audio application functions by the screen reader and audio processes consisting at least in part of reading text that is presented on a screen of the transaction terminal and converting the text to audible speech and diverting the audible speech to a headphone for a visually impaired user, while eliminating audio via external speaker at the transaction terminal until one of completion and timing out of a session of the visually impaired user, and providing a screen layout with navigation selections exclusively by touchscreen for the visually impaired user; and

if a command to shutdown is received, coordinating an orderly shutdown of the transaction terminal by the process controller.

36. (previously presented) The method of claim 35, wherein receiving the request further comprises receiving the request from the integrated network control over a network.

37. (previously presented) The method of claim 36, wherein receiving the request further comprises receiving the request from the integrated network control coupled over the network to a plurality of self-service transaction terminals.

38. (previously presented) The method of claim 35, wherein receiving the request further comprises receiving the request from an operator interface touchpoint consisting of one of a front screen of the transaction terminal, a personal computer on a network, a video screen, and a personal data assistant.